Date: Sun, 22 May 94 04:30:11 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #556
To: Info-Hams

Info-Hams Digest Sun, 22 May 94 Volume 94 : Issue 556

Today's Topics:

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sun, 22 May 1994 09:05:46 GMT
From: vigra.com!steve@network.ucsd.edu
Subject: [Summary] Kenwood TH-78A *OR* Yaesu FT-530
To: info-hams@ucsd.edu

A while back I was following the thread on the Kenwood TH-78A vs.
Yaesu FT-530, and I thought I'd post a summary of what I learned from
y'all, since it seems there's a few other people out there faced with
the same choice.

First, I had a lot of incorrect info in my post. Specifically:
- The Yaesu digital microphone is NOT alphanumeric.
- CTCSS *does* come standard with the Kenwood in the U.S. Other
  countries maybe not, so check.

- The Kenwood keypad *does* light up with the display, just like the Yaesu.

All told, it sounds like the two radios are very close in features.
Only the Kenwood has alphanumeric memory, but it costs you half of
your slots. An expansion to 250 memories (125 alpha) is available,
but the standard memory (50) is less than the Yaesu (82).

The Yaesu has an internal voltmeter, PL tone search, and Vox built in.

Some say that the keypad on the Yaesu is a bit easier to use because
it does't have the sliding cover like the Kenwood. Others like the
cover.

Apparently, the antenna that comes with the Kenwood is not too good,
and it's a little shorter than the Yaesu's. Some recommend a
third-party add-on duckie.

As far as reception, they sound pretty much the same. The Yaesu may
have a little better intermod rejection, but not that much.

The decision???
I chose the Yaesu FT-530, and have had it for about a few weeks now.
I like it very much, but it has a few ergonomic snags. I also did the
recieve-only expansion mod (13 & 15), and it seems to work fine. I'll
probably post a summary of my impressions after I give it a few more
weeks. By then, I may even have paging figured out. :-)

Thanks very much for all your input, especially Marc Wollemborg
<mrw13@columbia.edu> for passing info along. My thanks to:

  Scott_Migaldi@csg.mot.com (Scott F. Migaldi)
  prvalko <prvalko@vela.acs.oakland.edu>
  P.Marsolais@mailstop.telesat.ca (Marsolais, Pierre)
  drt@world.std.com (David R Tucker)
  Robert Penneys <penneys@brahms.udel.edu>
  Gerwitz James <p06288@gegpo9.geg.mot.com>
  reese@unity.ncsu.edu
  BRUNELLI_PC@delphi.com
  Troyce <Troyce@bio.tamu.edu>
  William A. Kirsanoff <William_A._Kirsanoff@ccmail.anatcp.rockwell.com>
  levine@jericho.mc.com (Bob Levine)
  rogjd@netcom.com (Roger Buffington)

-Steve

Steve Haehnichen   Vigra, Inc. San Diego, CA
steve@vigra.com   (619) 597-7080 x116   Fax: (619) 597-7094

Date: Sat, 21 May 1994 18:11:59 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!darwin.sura.net!spool.mu.edu!agate!
library.ucla.edu!csulb.edu!csus.edu!netcom.com!slay@network.ucsd.edu
Subject: Callsign Server EMAIL Address Wanted
To: info-hams@ucsd.edu

: I am looking for the email addresses of callsign servers

Try these:

Callbook - #1:   telnet electra.cs.buffalo.edu 2000
Callbook - #2:   telnet pc.usl.edu 2000

For DX QSL routes (i.e. managers), send an email addressed to:

            qsl-info@aug3.augsburg.edu

In the text of the message, just enter the DX calls, for example:

      7J1ABV
      3Y0PI
      VP8SSI
      etc.

The response on this one is pretty quick.

Cheers de Sandy
WA6BXH slay@netcom.com

Date: 22 May 94 03:48:15 GMT
From: comp.vuw.ac.nz!actrix.gen.nz!zl2tpo!chris@uunet.uu.net
Subject: CD-ROM Buck vs. QRZ
To: info-hams@ucsd.edu

Do any of these callsign database CDROMs include international
listings, or are they only North American calls only?

Thanks

Chris Jackson ZL2TPO
chris@zl2tpo.actrix.gen.nz
zl2tpo@amsat.org

Date: Sat, 21 May 1994 05:09:10 MDT
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!zip.eecs.umich.edu!
yeshua.marcam.com!charnel.ecst.csuchico.edu!psgrain!nntp.cs.ubc.ca!alberta!ve6mgs!
usenet@network.ucsd.edu
Subject: Daily Summary of Solar Geophysical Activity for 20 May
To: info-hams@ucsd.edu

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DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

20 MAY, 1994

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(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 20 MAY, 1994

NOTE: Electron fluence at greater than 2 MeV increased to very high levels
today.

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 140, 05/20/94
10.7 FLUX=089.8 90-AVG=086 SSN=035 BKI=2323 2321 BAI=010
BGND-XRAY=A6.0 FLU1=1.3E+06 FLU10=1.3E+04 PKI=2322 2322 PAI=010
BOU-DEV=***,027,015,028,016,026,***,008 DEV-AVG=020 NT SWF=00:000
XRAY-MAX= B1.7 @ 0300UT XRAY-MIN= A5.3 @ 0954UT XRAY-AVG= A7.3
NEUTN-MAX= +003% @ 1305UT NEUTN-MIN= -001% @ 1320UT NEUTN-AVG= +0.7%
PCA-MAX= +0.1DB @ 1930UT PCA-MIN= -0.3DB @ 0015UT PCA-AVG= +0.0DB
BOUTF-MAX=55328NT @ 0055UT BOUTF-MIN=55284NT @ 1815UT BOUTF-AVG=55311NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+082,+000,+000
GOES6-MAX=P:+125NT@ 1829UT GOES6-MIN=N:-067NT@ 0319UT G6-AVG=+109,+027,-025
FLUXFCST=STD:090,085,085;SESC:090,085,085 BAI/PAI-FCST=010,010,010/015,010,010
KFCST=2223 4322 1223 3221 27DAY-AP=009,008 27DAY-KP=1123 2233 2233 2212
WARNINGS=
ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 19 MAY 94 was 32.2.
The Full Kp Indices for 19 MAY 94 are: 3o 4- 3+ 3+ 3- 2- 2- 2o
The 3-Hr Ap Indices for 19 MAY 94 are: 15 25 18 18 13 6 7 8
Greater than 2 MeV Electron Fluence for 20 MAY is: 1.1E+09

SYNOPSIS OF ACTIVITY

Solar activity was very low. Just two spotted regions are visible, 7722 (N09W41) and 7727 (N09E27). Both have been stable.

Solar activity forecast: solar activity is expected to be very low.

The geomagnetic field was quiet to unsettled. The greater than 2 MeV electron fluxes remained at moderate to high levels.

Geophysical activity forecast: the geomagnetic field is expected to persist at quiet to unsettled conditions throughout the forecast period.

Event probabilities 21 may-23 may

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 21 may-23 may

A. Middle Latitudes	
Active	25/20/15
Minor Storm	10/10/05
Major-Severe Storm	05/05/05

B. High Latitudes	
Active	25/25/20
Minor Storm	20/10/10
Major-Severe Storm	05/05/05

HF propagation conditions have been normal over all regions. Normal propagation is expected to continue throughout at least the next 3 days.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 20/2400Z MAY

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG TYPE
7722	N09W41	122	0330	HKX	05	006	ALPHA

7727 N09E27 054 0060 DSO 07 009 BETA
7721 S12W63 144   PLAGE
7723 N12W80 161   PLAGE
7725 N04W61 142   PLAGE
7726 N09W27 108   PLAGE
REGIONS DUE TO RETURN 21 MAY TO 23 MAY
NMBR LAT   LO
NONE

LISTING OF SOLAR ENERGETIC EVENTS FOR 20 MAY, 1994

A. ENERGETIC EVENTS:
BEGIN MAX END RGN   LOC   XRAY OP 245MHZ 10CM   SWEEP
NONE

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 20 MAY, 1994

 BEGIN   MAX   END   LOCATION   TYPE   SIZE DUR II IV
20/B1416   B1503   N08W74   DSF

INFERRED CORONAL HOLES. LOCATIONS VALID AT 20/2400Z

               ISOLATED HOLES AND POLAR EXTENSIONS
      EAST   SOUTH WEST   NORTH CAR TYPE POL AREA   OBSN
                  NO DATA AVAILABLE FOR ANALYSIS

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

 Date   Begin Max   End Xray Op Region Locn   2695 MHz 8800 MHz 15.4 GHz
------ ---- ---- ---- ---- -- ------ ------ --------- --------- ---------
NO EVENTS OBSERVED.

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

                C   M   X   S   1   2   3   4   Total   (%)
               -- -- --   -- -- -- -- --   --- ------
Uncorrellated: 0   0   0   0   0   0   0   0   000 (0.0)

 Total Events: 000 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
				NO EVENTS OBSERVED.				

NOTES:
All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

** End of Daily Report **

Date: 22 May 94 06:30:28 GMT
From: netcomsv!netcom.com!slay@decwrl.dec.com
Subject: first QSOs
To: info-hams@ucsd.edu

First QSO .....

Well, I can't remember my own, for some reason ..... but I do remember a few others.

Story #1:

Back in 1969, a new Novice appeared on the bands who (I later learned) lived about 500 yards from me. When I would come home from school, I would get on the air, and there he would be .... calling CQ CQ CQ CQ CQ for (honestly) 10 minutes at a crack. Even when I tried answering him,

he would not reply .... he just kept calling CQ. I'd reduce power, do everything I could think of ... but nothing worked.

A couple of months later, the new Callbook came out and I finally found the address for "Paul". Turns out, he went to the same high school. Well, he told me that he had yet to make a QSO using his DX-60 and WW2 vintage AR-88 receiver. He did not quite understand how to zero beat the rcvr to his xmit frequency ... so I helped him out on that. Then, after calling <a short> CQ, we waited. Another station came back, but Paul didn't realize it. So, while I copied the call he got ready to xmit. Like many first timers ... he didn't know quite what to say ..... so, I wrote down on a piece of paper the stuff he should say .... name, QTH, RST, etc. Well, Paul turned into quite a Ham after that..... it was simply a case of a newcomer in need of a little help. It felt good to be an Elmer for the first time.

Story #2

While living in Japan, I helped several other expatriate "newcomers" make their first QSOs (both phone and CW) while there. It was lots of fun, but the one that I recall with the most fondness was being on the receiving end of a first QSO.

It was about 2am local time and I was scanning the low end of 20m cw for some DX when I came across a fairly good signal - VK2GPN was calling CQ at "maybe" 3 or 4 wpm. Well, he was treading in DX territory and he clearly wasn't setting the key on fire ..... so I answered him (at 3-4 wpm). Turns out that "Tony" had been on phone for some time, but had never operated CW and was nervous as can be. His confidence grew minute by minute. By the end of our 2 hour long QSO his code speed had improved dramatically - I attribute that to overcoming his initial nervousness and being so exhausted that he couldn't waste the time translating the sounds of Morse back and forth into the alphabet. (Students of a foreign language may recognize this effect after a long period of intense concentration, or .. a few alcoholic drinks ... hihi).

Anyway, we exchanged a couple of long hand-written letters and photos. I sent him one of those "FIRST QSO" certificates that the ARRL provides. I understand it now hangs proudly in his shack. The QSO was a memorable one for both of us, I think.

After sharing the experience with some other "old cw hands", they too decided to go QRS/Novice hunting and thoroughly enjoyed the experience. I guess because it reminded us so much of our own first QSOs.

Warmest 73 de Sandy
WA6BXH/7J1ABV   slay@netcom.com

Date: Sat, 21 May 1994 17:04:45 GMT
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!uwm.edu!fnnews.fnal.gov!att-in!
cbnewsm!jeffj@network.ucsd.edu
Subject: Ham Radio few problems!
To: info-hams@ucsd.edu

In article <1994May20.193708.11982@ccd.harris.com> bal@ccd.harris.com (Bruce
Lifter) writes:
>Michael P. Deignan (md@maxcy2.maxcy.brown.edu) wrote:
>: rogjd@netcom.com (Roger Buffington)
>
>a repeater. The last group ends up either upgrading and gets involved in
>HF activities or stays on the VHF side of things and get into emergency,
>packet, or whatever. This is quite evident by the recent growth in the
>QRP clubs across the country.
>
>Stating that your problems have been with CBers coming into the hobby is
>taking the easy way out. At one time, I would guess that 50% of the adult
>population in the United States owned a CB (my guess only). I think the

10-5, er, 10-6, 10-4? Good buddy or was that roger, roger. I think there
are a lot of us hams who won't admit to owning one of those evil toys
at one time or the other. I still get a kick out of how many CB's show
up at our ham radio auction that our club put's on twice a year and how fast
they sell.

Uhh, could we turn these conversation back over to FEW PROBLEMS in Amateur
radio? There is a good discussion going on about this (as usual) in the
radio.policy part of these newsgroups.

Jeff

--
 Jeff Jones AB6MB | Vote out those who voted for the North American
 j.jones91@genie.geis.com | Free Trade Agreement!
 Infolinc BBS 510-778-5929 |

Date: 22 May 94 05:11:09 GMT
From: agate!howland.reston.ans.net!cs.utexas.edu!geraldo.cc.utexas.edu!
astro.as.utexas.edu!oo7@ucbvax.berkeley.edu
Subject: HAM vs ham
To: info-hams@ucsd.edu

rwa@aupair.cs.athabascau.ca (Ross Alexander) says:

>>But it's NOT an acronym. Repeat, NOT an acronym. Ham, hams, but not
>>HAM. The only HAM I know of is an obscure video mode on Amiga
>>computers.

>>Where did this wearisome idea that it has to be an acronym come from,
>>anyway? The theatre's had hams from time immemorial without getting
>>this strange idea into its' [sic] collective head!

Agreed. Julian N6ARE and I are still on our crusade to try to find
the origin of HAM - not 'ham', but HAM in capitals. Whenever someone
posts to say that they are "interested in getting into HAM" we write
them nice notes to ask why they capitalize it. Most people ignore us,
and of those who answer, most say "I don't know, I thought that was how
you were supposed to write it", but offer no reason why they think that.

We can only think that it is by analogy with CB, which is capitalized,
and which does indeed stand for something. We've seen the capitalized
version used by people who already have licenses, but it's mostly used
by those outside the hobby. Isn't there anyone here who used to spell
it that way, now spells it with lower-case letters, and can tell us why
they used to use capitals? We could then stop worrying about it, and
spend more of our time actually doing HAM - um.

Derek "I HAM perplexed" Wills (AA5BT, G3NMX)
Department of Astronomy, University of Texas,
Austin TX 78712. (512-471-1392)
oo7@astro.as.utexas.edu

Date: 22 May 94 04:41:54 GMT
From: agate!spool.mu.edu!sol.ctr.columbia.edu!news.kei.com!ssd.intel.com!chnews!
cmoore@ucbvax.berkeley.edu
Subject: HT speaker-mike question
To: info-hams@ucsd.edu

Joe Salemi (jsalemi@doghouse.win.net) wrote:

: 50mA only when you're transmitting, from what I can see. Joe Salemi, KR4CZ

Joe, ask yourself if it makes sense to have 5v available for VOX purposes
only when you're transmitting... the 5v has to be there during receive for
the VOX to work... 5v is there all the time and the RS speaker/mike is

shorting it out through a 100 ohm resistor. Now 50 mA is no big deal, but
it is something. Keep your RS speaker/mike plugged in full time and see
how long the battery lasts. Why do you think ICOM, Alinco, and MFJ have
stereo plugs on their mike inputs?

73, KG7BK, CecilMoore@delphi.com

Date: 22 May 94 03:45:29 GMT
From: agate!howland.reston.ans.net!news.moneng.mei.com!sol.ctr.columbia.edu!caen!
malgudi.oar.net!mercury.wright.edu!college.antioch.edu!chaos.antioch.edu!
cdonohue@ucbvax.berkeley.edu
Subject: Mass. Beginner Seeking Training/Equip. info.
To: info-hams@ucsd.edu

I am totally new to ham, but would like to learn. I live near Worcester, MA
If anyone has suggestions as to groups (esp. w/ address or phone #) near
Boston or Worcester I'd be thankful for info. Also if anyone has suggestions
on gear that would be good to start with, that'd be great. (especially cheap
sources for used stuff). Thanks for any tips.
                                Colin
PS I may not reply promptly because I don't access this account much!
If possible, please sent it to my e-mail as opposed (in addition) to posting.
Thanks!!!

Date: Sat, 21 May 1994 16:56:52 GMT
From: ihnp4.ucsd.edu!usc!elroy.jpl.nasa.gov!lll-winken.llnl.gov!fnnews.fnal.gov!
att-in!cbnewsm!jeffj@network.ucsd.edu
To: info-hams@ucsd.edu

References <1994May16.141525.863@pacs.sunbelt.net>, <CpwzA0.3zt9@austin.ibm.com>,
<LEVIN.94May19125643@medea.bbn.com>m
Subject : Re: HAM RADIO RUDENESS

In article <LEVIN.94May19125643@medea.bbn.com> levin@bbn.com (Joel B Levin)
writes:
>In article <CpwzA0.3zt9@austin.ibm.com> blood@austin.ibm.com () writes:
>
>   Ive decided to quit saving for a HF rig after following this discussion.
>
>Repeat three times every day till you've got it:
>
>   USENET IS NOT REAL LIFE.
>   USENET IS NOT REAL LIFE.
>   USENET IS NOT REAL LIFE.

Here, here!!!

My ratio of 99% of good hams and 1% idiots sometimes gets reversed here. 8-)

Jeff

--
Jeff Jones AB6MB | Vote out those who voted for the North American
j.jones91@genie.geis.com | Free Trade Agreement!
Infolinc BBS 510-778-5929 |

End of Info-Hams Digest V94 #556
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